WHAT IS CLAIMED IS:

1. An image reading apparatus having a plurality of operation modes that require different consumption powers, comprising:

a power supply controller for supplying electric power to internal units of said apparatus by selectively using at least two power supplies; and

an operation mode determination unit for determining one of the plurality of operation modes in accordance with the power supply that said power supply controller uses.

2. The apparatus according to claim 1, further comprising an interface for connecting to an external apparatus via a cable having a communication function and power supply function, and

wherein the at least two power supplies include a power supply of the external apparatus which can be used via the cable, and another power supply.

3. The apparatus according to claim 2, wherein the other power supply is a commercial power supply.

4. The apparatus according to claim 2, wherein said operation mode determination unit selects a power saving mode as the operation mode when said power supply controller uses the power supply of the external apparatus.

5. The apparatus according to claim 4, further comprising an illumination device for illuminating a

document upon reading a document image, and wherein electric power for driving said illumination device in the power saving mode is set to be smaller than another mode.

6. The apparatus according to claim 4, further comprising an illumination device for illuminating a document upon reading a document image, and a photoelectric conversion element, and wherein electric power for driving said illumination device in the power saving mode is set to be smaller than another mode and an image sensing time of said photoelectric conversion element in the power saving mode is set to be longer than the other mode.

7. The apparatus according to claim 6, further comprising a feed unit for feeding a document upon reading a document image, and wherein a feed speed of the document by said feed unit in the power saving mode is set to be lower than another mode.

8. The apparatus according to claim 6, further comprising a scanning unit for scanning said illumination device and said photoelectric conversion element upon reading a document image, and wherein a scanning speed of said illumination device and said photoelectric conversion element by said scanning unit in the power saving mode is set to be lower than another mode.

9. The apparatus according to claim 4, further comprising a sensor for reading a document image while illuminating a document, and wherein electric power for driving said sensor in the power saving mode is set to be lower than another mode.

10. The apparatus according to claim 9, further comprising a scanning unit for feeding said sensor upon reading the document image, and wherein a scanning speed of said sensor by said scanning unit in the power saving mode is set to be lower than another mode.

11. The apparatus according to claim 6, further comprising a scanning unit for optically scanning a document upon reading a document image, and wherein a scanning speed of said scanning unit in the power saving mode is set to be lower than another mode.

12. The apparatus according to claim 1, further comprising a calibration controller for executing calibration in accordance with a change in power supply that said power supply controller uses.

13. An image reading apparatus comprising:

a power supply controller for supplying electric power to internal units of said apparatus by selectively using at least two power supplies; and

notification means for notifying an external apparatus of information indicating the power supply that said power supply controller uses,

wherein said image reading apparatus is controlled by a control signal from the external apparatus, the control signal being generated by the external apparatus based on the notified information.

14. The apparatus according to claim 13, further comprising an interface for connecting to the external apparatus via a cable having a communication function and power supply function, and

wherein said notification means notifies the external apparatus of the information via said interface and the at least two power supplies include a power supply of the external apparatus which can be used via the cable, and another power supply.

15. The apparatus according to claim 13, wherein said notification means notifies the external apparatus of information indicating that power supply used by said power supply controller is changed.

16. An image reading system having a plurality of operation modes that require different consumption powers, comprising:

a system controller for controlling said image reading system;

an image reader having an illumination device for illuminating a document and photoelectric conversion element for performing photoelectric conversion on light from the document;

a power supply controller for supplying electric power by selectively using at least two power supplies; and

an operation mode determination unit for determining one of the plurality of operation modes in accordance with the power supply that said power supply controller uses.

17. A control method for an image reading apparatus having a power supply control circuit for supplying electric power to internal units thereof by selectively using at least two power supplies, comprising:

the operation mode determination step of determining one of a plurality of operation modes that require different consumption powers in accordance with the power supply that the power supply control circuit uses.

18. A memory medium which stores a program for controlling an image reading apparatus having a power supply control circuit for supplying electric power to internal units thereof by selectively using at least two power supplies, said program comprising:

the operation mode determination step of determining one of a plurality of operation modes that require different consumption powers in accordance with the power supply that the power supply control circuit uses.

19. A program for controlling an image reading apparatus having a power supply control circuit for supplying electric power to internal units thereof by selectively using at least two power supplies, comprising:

the operation mode determination step of determining one of a plurality of operation modes that require different consumption powers in accordance with the power supply that the power supply control circuit uses.

20. A peripheral device having a plurality of operation modes that require different consumption powers, and an interface for connecting to a computer via a cable having a communication function and power supply function, comprising:

a power supply controller for supplying electric power to internal units of said device by selectively using a power supply supplied via the cable and another power supply; and

an operation mode determination unit for determining one of the plurality of operation modes in accordance with the power supply that said power supply controller uses.

21. A peripheral device having a plurality of operation modes that require different consumption powers, and an interface for connecting to a computer

via a cable having a communication function and power supply function, comprising:

a power supply controller for supplying electric power to internal units of said device by selectively using a power supply supplied via the cable and another power supply; and

notification means for notifying the computer of information indicating the power supply that said power supply controller uses,

wherein said peripheral device is controlled by a control signal from the computer, the control signal being generated by the computer based on the notified information.